

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010283.D
 Acq On : 13 Jun 2019 19:19
 Operator : JC/SP
 Sample : K3309-01DL 1000X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-190610DL

Quant Time: Jun 14 04:23:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

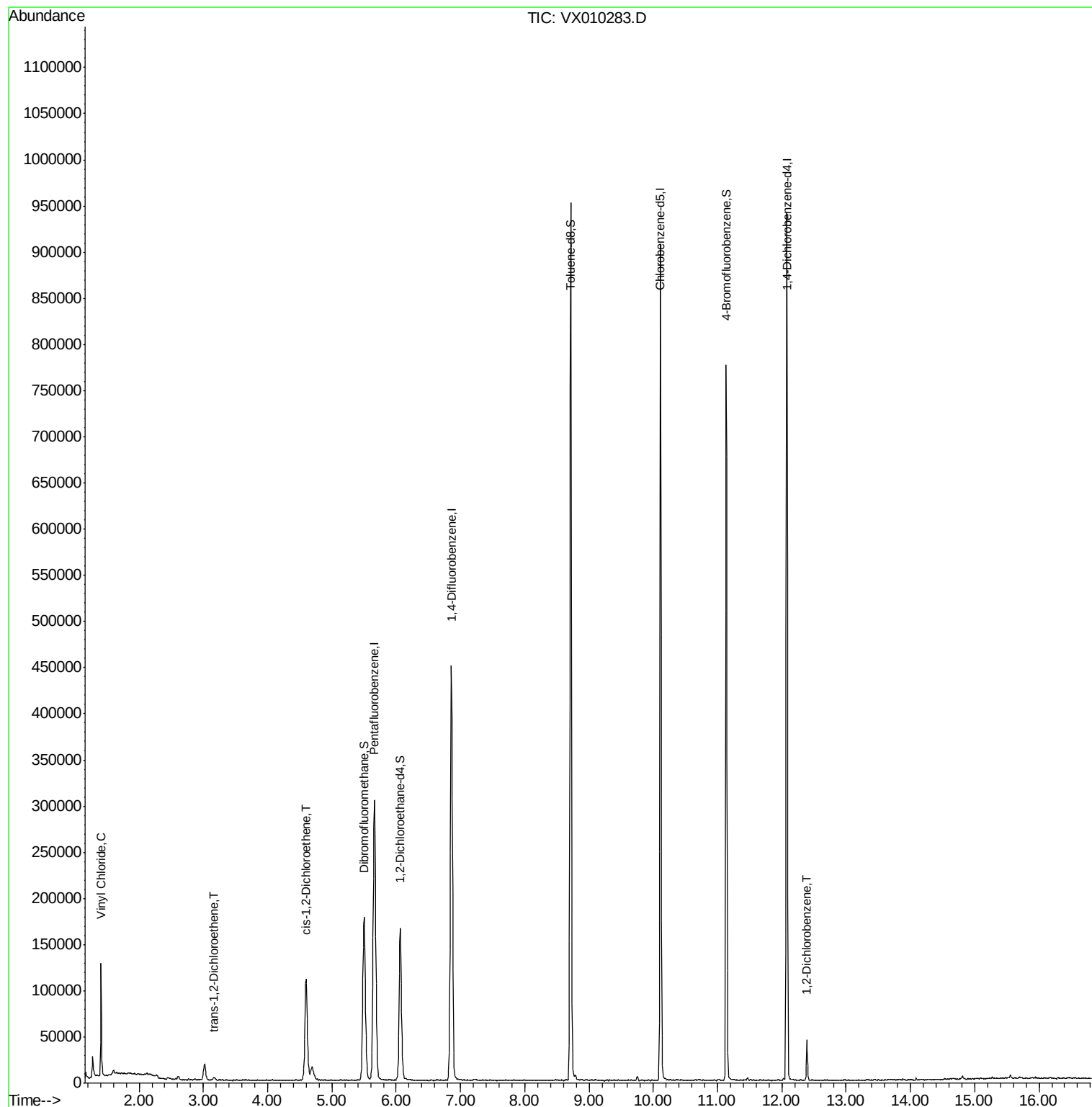
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	328148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	497981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	450417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	146881	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.72%	
35) Dibromofluoromethane	5.50	113	151177	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	582004	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	198938	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
Target Compounds						
4) Vinyl Chloride	1.41	62	80068	28.410	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	1380	0.423	ug/l #	58
27) cis-1,2-Dichloroethene	4.60	96	78365	21.596	ug/l	69
91) 1,2-Dichlorobenzene	12.39	146	14601	2.094	ug/l	94

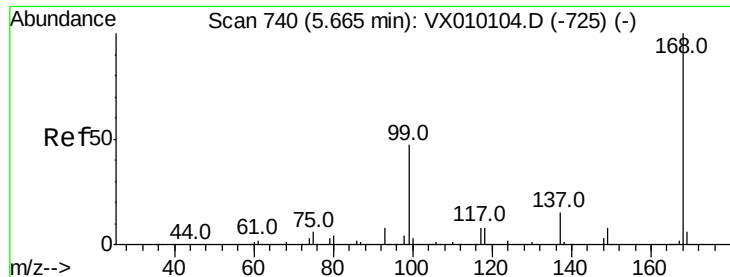
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010283.D

Acq: 13 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

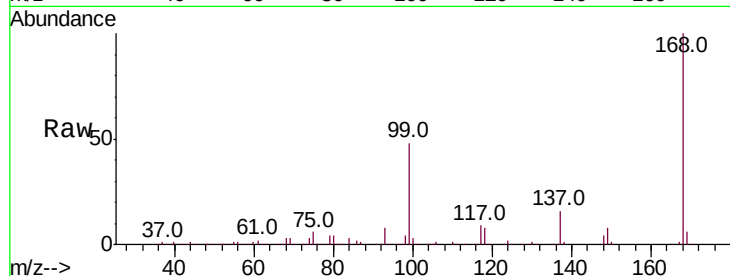
SS043MW009-190610DL

Tot Ion:168 Resp: 328148

Ion Ratio Lower Upper

168 100

99 48.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

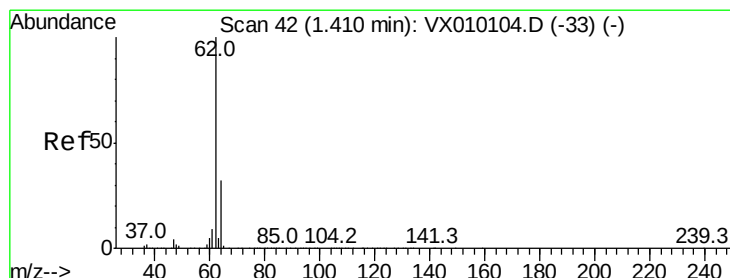
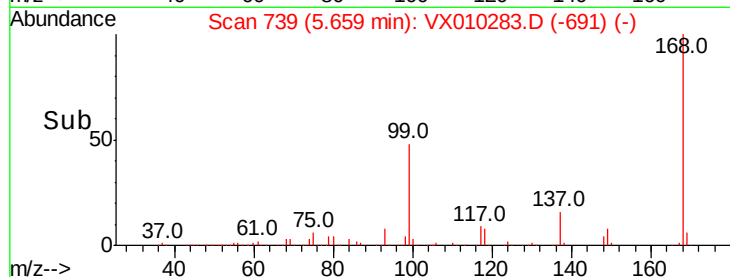
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 28.410 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010283.D

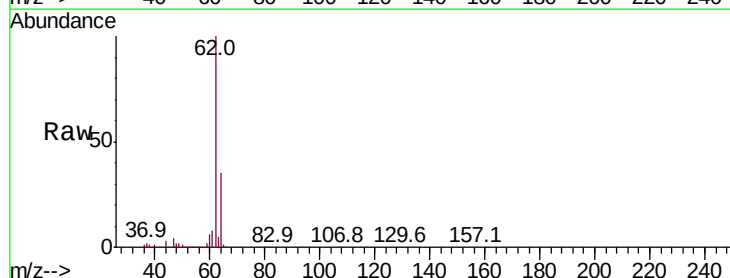
Acq: 13 Jun 2019 19:19

Tgt Ion: 62 Resp: 80068

Ion Ratio Lower Upper

62 100

64 34.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

80000

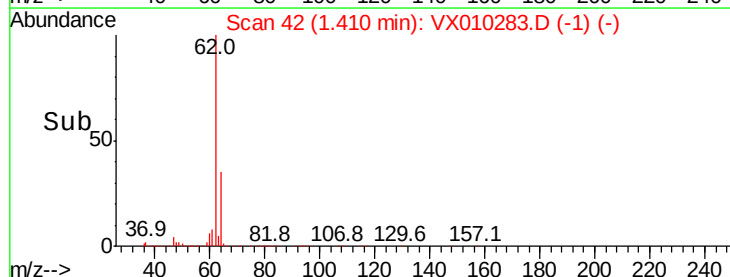
60000

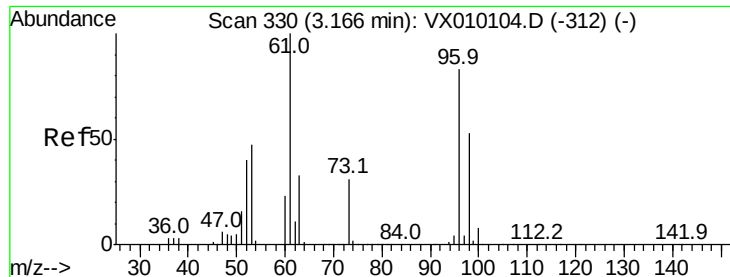
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#21

trans-1,2-Dichloroethene

Concen: 0.423 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010283.D

Acq: 13 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

SS043MW009-190610DL

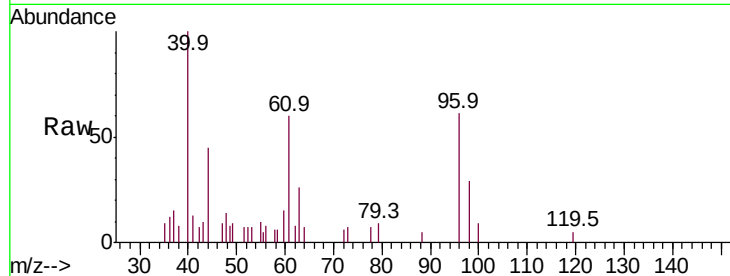
Tot Ion: 96 Resp: 1380

Ion Ratio Lower Upper

96 100

61 89.7 125.7 188.5#

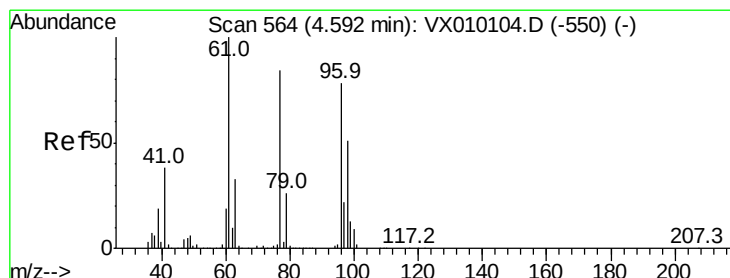
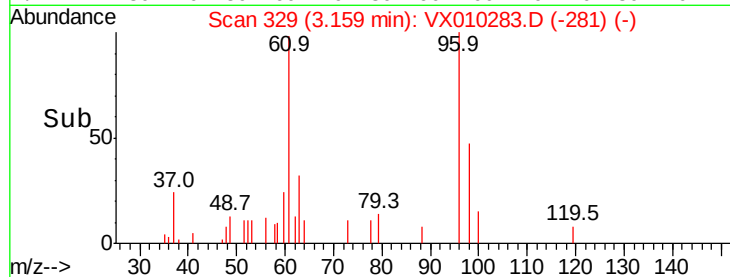
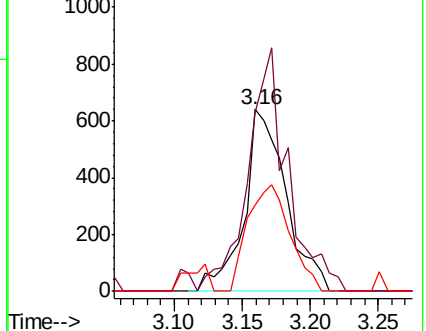
98 47.1 49.0 73.6#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 21.596 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX010283.D

Acq: 13 Jun 2019 19:19

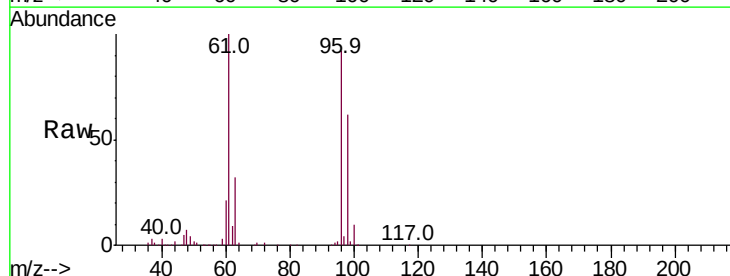
Tgt Ion: 96 Resp: 78365

Ion Ratio Lower Upper

96 100

61 109.3 0.0 334.0

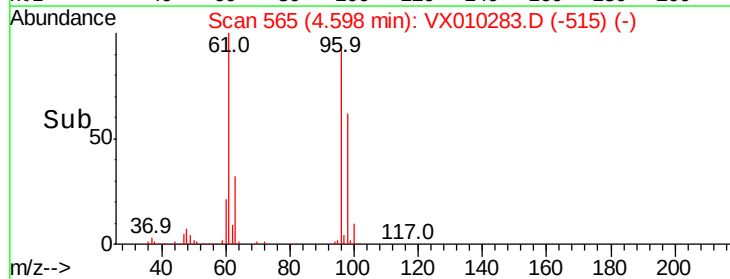
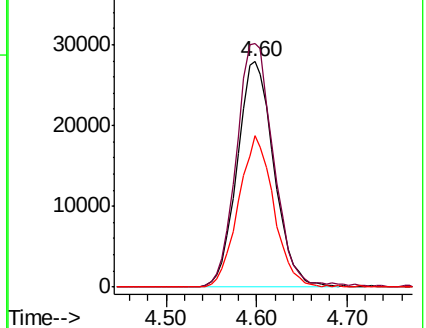
98 64.5 0.0 131.6

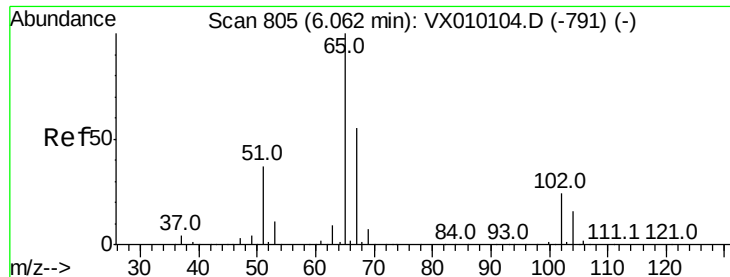


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

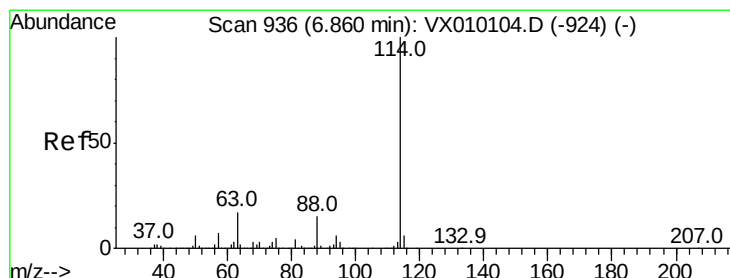
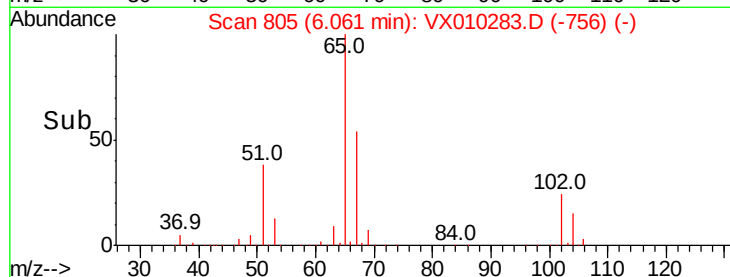
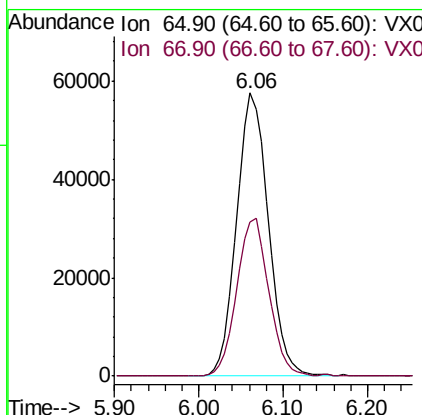
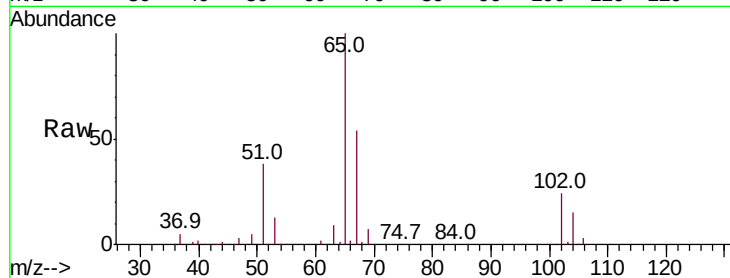




#33
 1,2-Dichloroethane-d4
 Concen: 45.856 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010283.D
 Acq: 13 Jun 2019 19:19

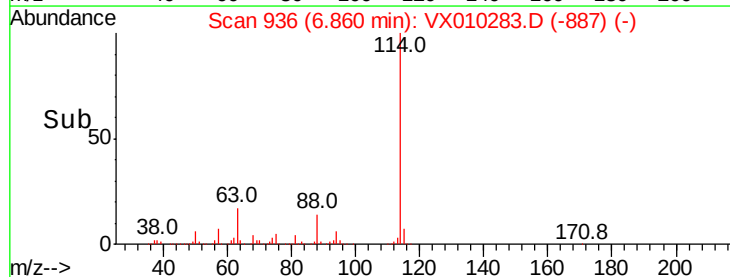
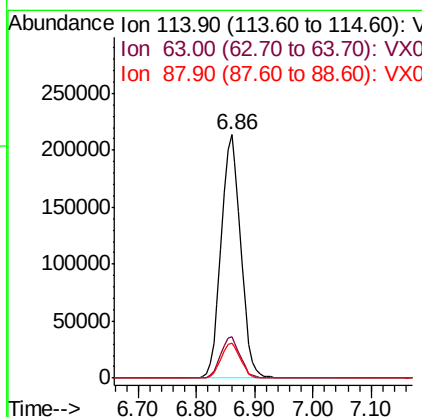
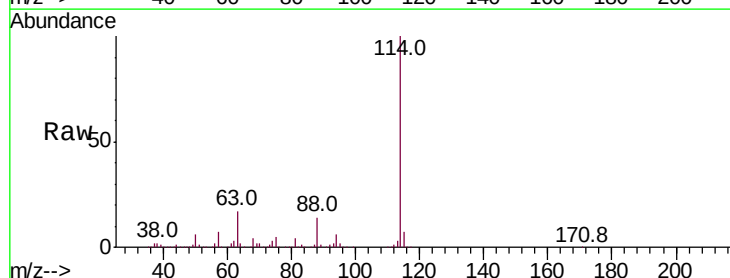
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-190610DL

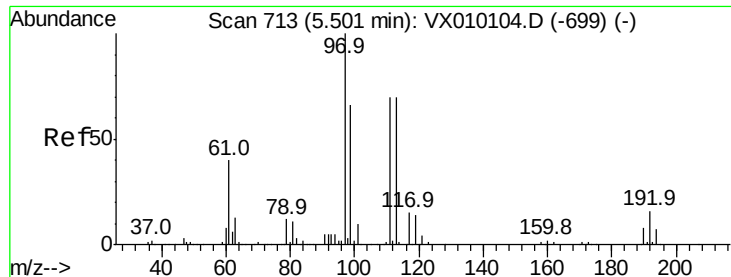
Tot Ion: 65 Resp: 146881
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010283.D
 Acq: 13 Jun 2019 19:19

Tgt Ion: 114 Resp: 497981
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 47.4
 88 14.2 0.0 33.0

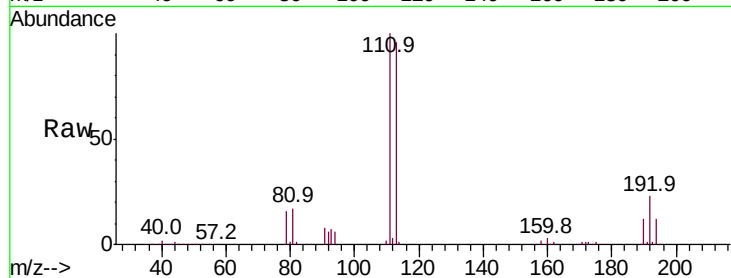




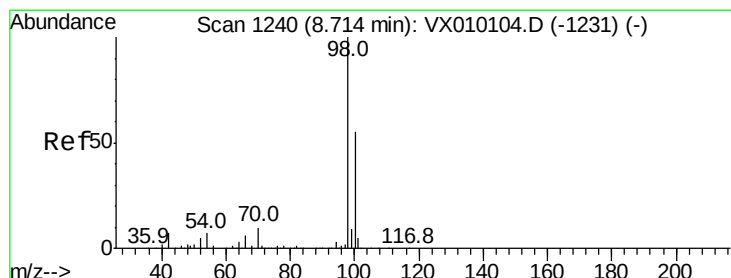
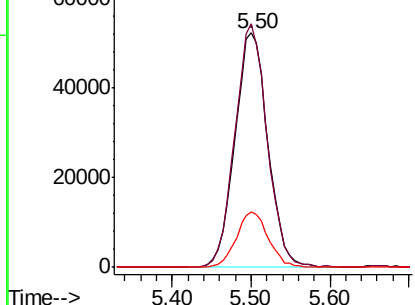
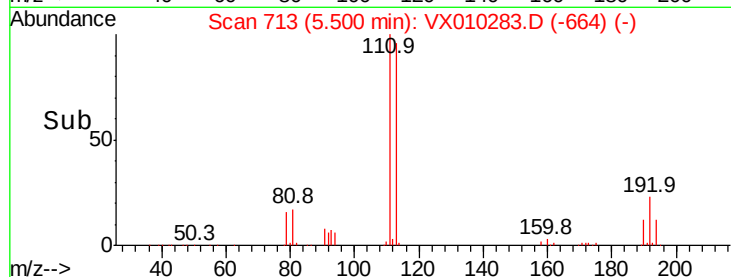
#35
 Dibromofluoromethane
 Concen: 49.217 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010283.D
 Acq: 13 Jun 2019 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-190610DL

Tot Ion:113 Resp: 151177
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 23.2 17.1 25.7

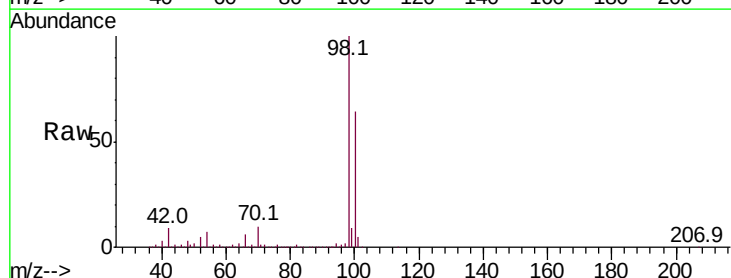


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

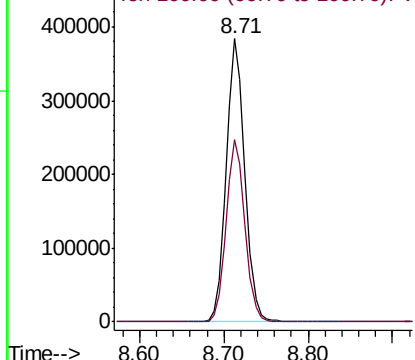
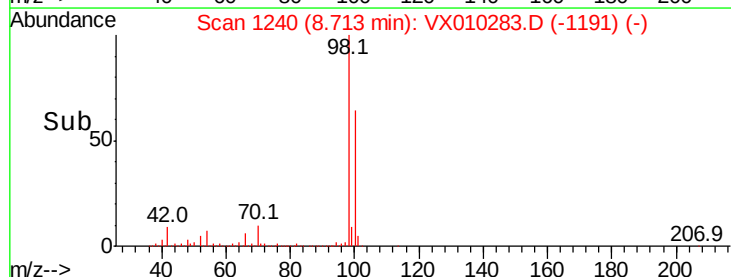


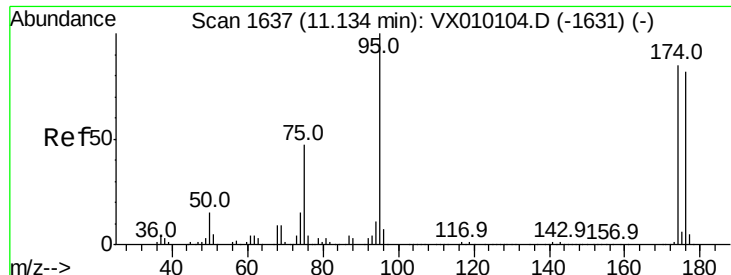
#50
 Toluene-d8
 Concen: 50.556 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010283.D
 Acq: 13 Jun 2019 19:19

Tgt Ion: 98 Resp: 582004
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.272 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010283.D

Acq: 13 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

SS043MW009-190610DL

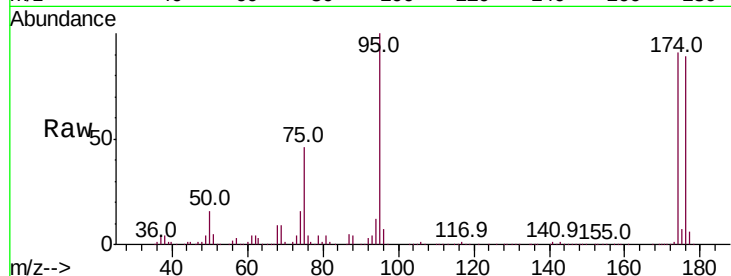
Tot Ion: 95 Resp: 198938

Ion Ratio Lower Upper

95 100

174 94.1 0.0 160.4

176 91.1 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)

11.13

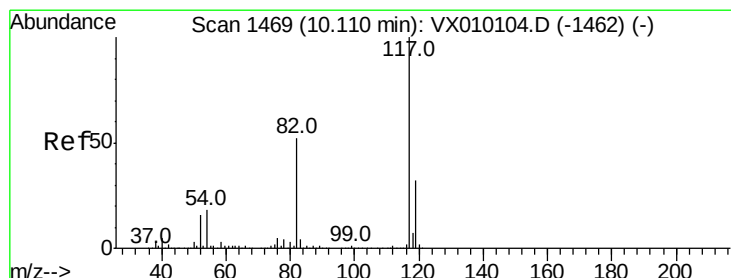
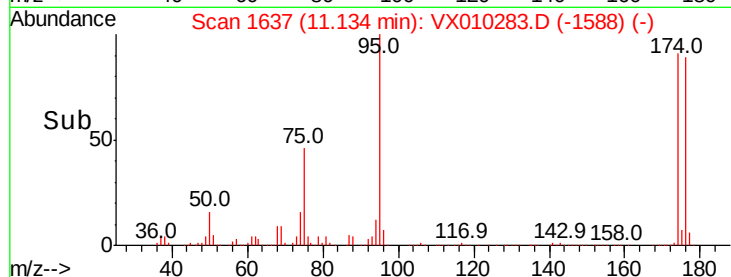
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010283.D

Acq: 13 Jun 2019 19:19

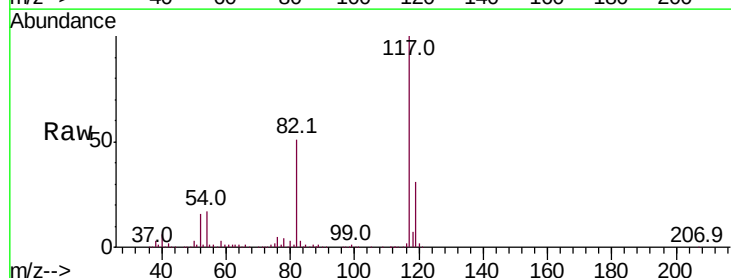
Tgt Ion: 117 Resp: 450417

Ion Ratio Lower Upper

117 100

82 50.8 49.2 73.8

119 31.4 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)

10.11

400000

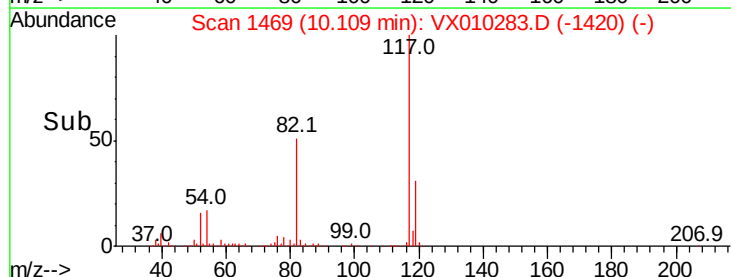
300000

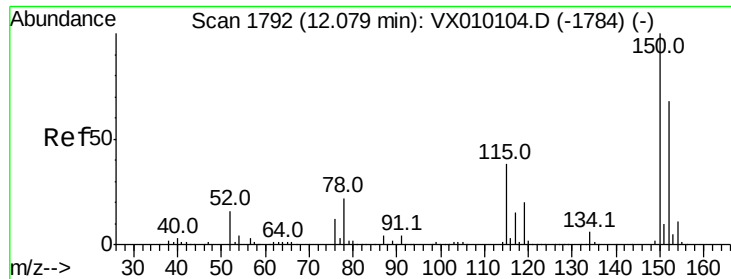
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010283.D

Acq: 13 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

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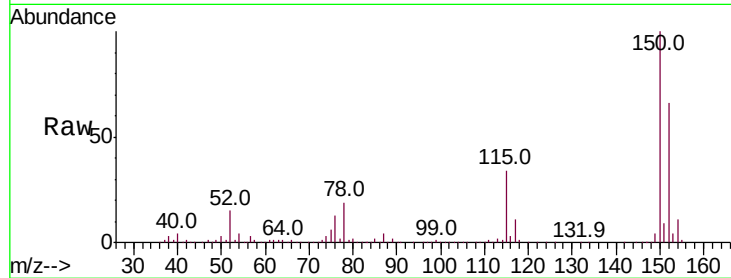
Tot Ion:152 Resp: 212124

Ion Ratio Lower Upper

152 100

115 54.2 41.4 124.2

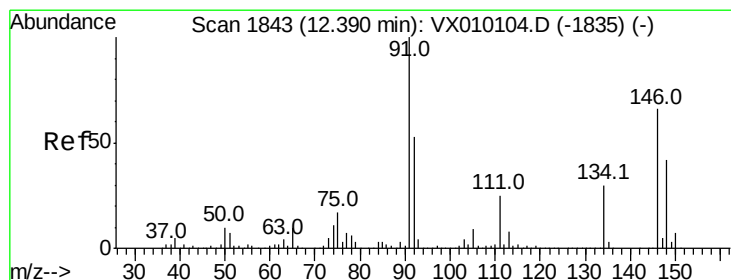
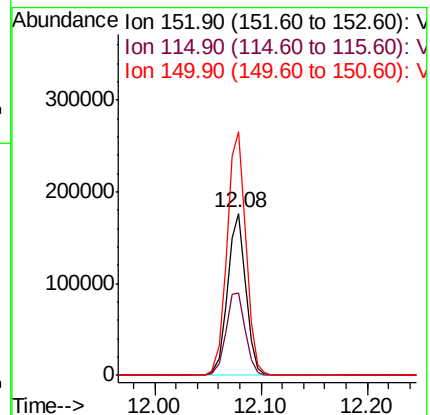
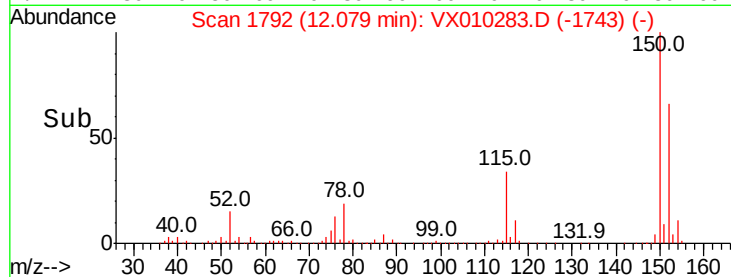
150 155.3 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#91

1,2-Dichlorobenzene

Concen: 2.094 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010283.D

Acq: 13 Jun 2019 19:19

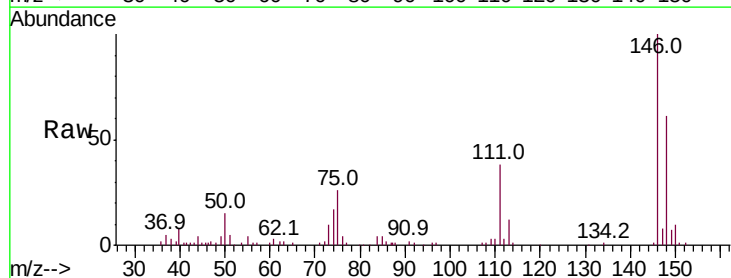
Tgt Ion:146 Resp: 14601

Ion Ratio Lower Upper

146 100

111 37.3 21.1 63.1

148 61.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

